

Perception towards Cancer and its Treatments

This survey aims to investigate the perceptions and receptiveness of the public to alternative treatments of cancer. This survey should not take more than 5 to 10 minutes.

* Required

1. What is your age? *

Mark only one oval.

- ☐ Below 16
- ☐ 16-18
- ☐ 19-25
- ☐ 25-30
- ☐ 30-40
- ☐ 40-50
- ☐ Above 50

2. What is your highest/current education level *

Mark only one oval.

- ☐ Primary
- ☐ Secondary
- ☐ High School/Junior College
- ☐ Bachelors
- ☐ Masters
- ☐ Doctorate
- ☐ Other:

Background Knowledge

3. Do all bacteria cause diseases? *

Mark only one oval.

- ☐ Yes
- ☐ No

4. **What forms of current cancer treatments are you aware of? ***

Check all that apply.

- ☐ Chemotherapy
- ☐ Radiotherapy
- ☐ Surgery
- ☐ Immunotherapy
- ☐ Laser treatment
- ☐ Stem cells transplant
- ☐ Cancer vaccines
- ☐ Nanodrug delivery
- ☐ Viral drugs
- ☐ Body will fight off cancer by itself
- ☐ Not aware of any
- ☐ Other:

5. **How receptive are you to new/novel forms of therapy (for example, ingesting nanoparticles, bacterial therapy, bioresonance, acupuncture for cancer, traditional chinese medicine)? ***

Mark only one oval.

	1	2	3	4	5	
Not receptive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very receptive

Cancer is one of the leading causes of death in Singapore. Conventional cancer treatments such as chemotherapy and radiotherapy have unpleasant side effects and varying effectiveness. One alternative therapy is to use modified bacteria to deliver a drug to cancer cells and kill them without causing serious side effects.

6. **How safe, to your knowledge, do you think is the use of genetically engineered bacteria for cancer therapeutics? ***

Mark only one oval.

	1	2	3	4	5	
Not safe at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very safe

7. **What possible risks are you concerned about regarding the use of genetically engineered bacteria for therapy? ***

Check all that apply.

- ☐ They may cause other forms of diseases
- ☐ Low specificity
- ☐ Mutations in the bacteria may lead to undesirable side effects
- ☐ Inflammation caused by the bacteria
- ☐ No assurance regarding complete effectiveness
- ☐ Organ failure
- ☐ Insertional mutagenesis
- ☐ Pathogenicity
- ☐ Pain
- ☐ No risks
- ☐ Other:

8. **Which of the following are environmental concerns that you think accompany the use of genetically engineered bacteria for therapy? (With regards to escape/disposal) ***

Check all that apply.

- ☐ Contamination and transmission
- ☐ Affects natural ecosystem
- ☐ Global warming
- ☐ Eutrophication
- ☐ Air pollution
- ☐ Antibiotic resistance
- ☐ Bacterial epidemic
- ☐ Improper disposal of the bacteria
- ☐ Mutagenesis and invasiveness
- ☐ No concerns
- ☐ Other:

9. **If the proposed therapy is available, how comfortable would you be with the idea of patients using this therapy? ***

Mark only one oval.

	1	2	3	4	5	
Not comfortable at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very comfortable

10. If trials have shown to be promising, how comfortable would you be with the idea of patients using this therapy? *

Mark only one oval.

	1	2	3	4	5	
Not comfortable at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very comfortable

11. How comfortable would you be with using this therapy for the treatment of other fatal diseases? *

Mark only one oval.

	1	2	3	4	5	
Not comfortable at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very comfortable

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